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**From:** Nordine, John [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=6F082FB004BA4D818FE3276686C84C63-JNORDINE]  
**Sent:** 12/19/2018 3:47:21 PM  
**To:** Kay, Robert T [rtkay@usgs.gov]  
**Subject:** Fw: Techalloy, Union IL., Sept 2018 Monthly Progress Report  
**Attachments:** Table 6 - Effluent Limited Chemicals - January to September 2018, rev 1 - 12-3-2018.xlsx

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**From:** Nordine, John  
**Sent:** Monday, December 17, 2018 6:39 AM  
**To:** Kay, Robert T  
**Subject:** Fw: Techalloy, Union IL., Sept 2018 Monthly Progress Report

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**From:** jack@autumnwoodesh.com <jack@autumnwoodesh.com>  
**Sent:** Friday, December 14, 2018 6:39 PM  
**To:** Nordine, John  
**Cc:** Gerald Ruopp  
**Subject:** RE: Techalloy, Union IL., Sept 2018 Monthly Progress Report

John:

Per our discussion this afternoon, this email will serve as a response to U.S. EPA's comments provided to Central Wire on October 29, 2018 by email.

Responses to comments are integrated in blue into your comments, below.

Regards,

Jack

*John W. Thorsen, P.E.  
Autumnwood ESH Consultants, LLC  
262.237.1130*

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**From:** Nordine, John <nordine.john@epa.gov>  
**Sent:** Monday, October 29, 2018 9:02 AM  
**To:** Gerry Ruopp <gerry.ruopp@centralwire.com>  
**Cc:** Jack Thorsen <jack@autumnwoodesh.com>; Kay, Robert T <rtkay@usgs.gov>; Stillman, Sarah

<Stillman.Sarah@epa.gov>; Nordine, John <nordine.john@epa.gov>

**Subject:** Techalloy, Union IL., Sept 2018 Monthly Progress Report

Mr. Ruopp,

I have reviewed the September 2018 Monthly Progress Report for the Techalloy Facility in Union, IL.

The P&T Effluent is now beginning to show fairly substantial concentrations of compounds other than TCA, TCE, and PCE. Are there effluent standards for the other compounds that were detected in the effluent? The treatment system seems to be losing efficacy. Although effluent standards are being met, result trends are heading in the wrong direction and some attention should be paid to the system operation and provide contingency measures for the treatment system.

The author did not put the correct data originally into Table 6 of the September Monthly Progress Report. A corrected copy of Table 6 for the September 2018 RCRA CMI September Monthly Progress Report is attached to this email

Table 6. The effluent concentrations for September are incorrect and need to be revised.

**The corrected data has been included in Table 6.**

Provide a revision of the Monthly Progress Report within 30-days. If you have any questions, please contact me.

Sincerely,

John Nordine.  
U.S. EPA